



KitchenAid KHM512ER Motor Replacement

This guide will illustrate how to replace the motor on the KitchenAid KHM512ER.

Written By: Paulo Santos Blauth



INTRODUCTION

This guide will illustrate how to replace the motor on the KitchenAid KHM512ER.

TOOLS:

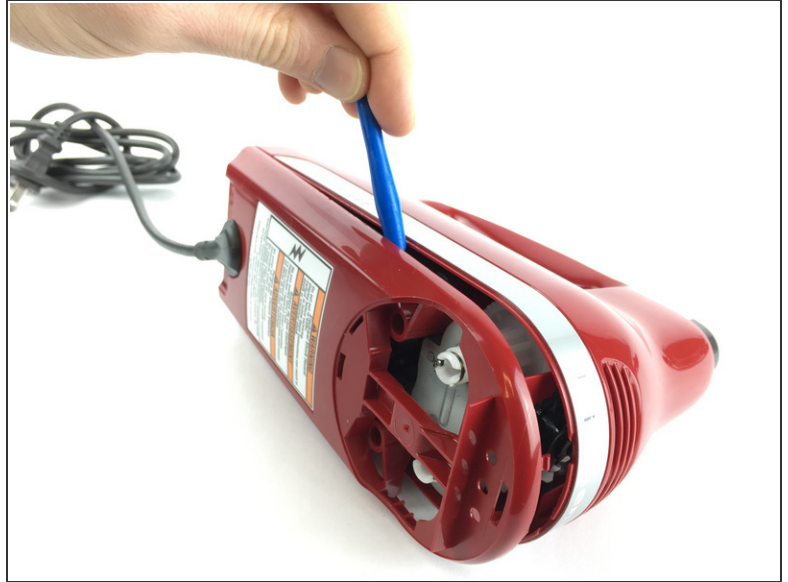
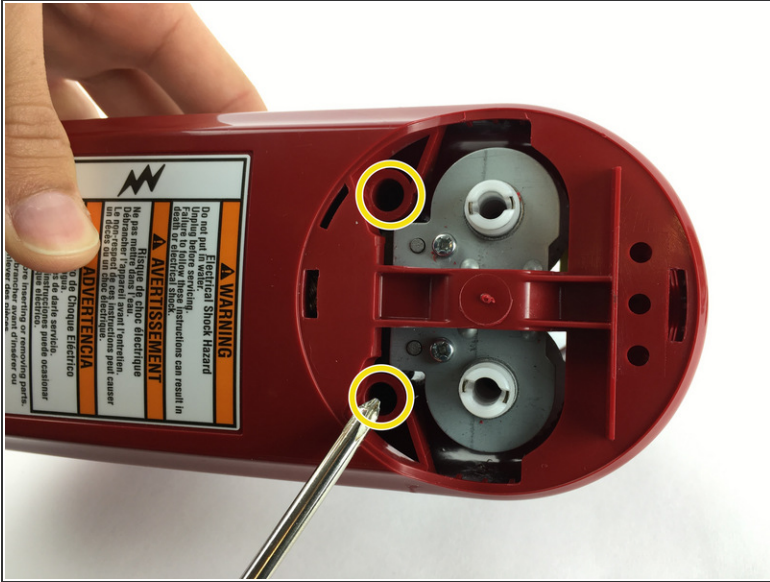
- [iFixit Opening Tools](#) (1)
 - [Phillips #2 Screwdriver](#) (1)
 - [Basic Pliers](#) (1)
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Step 1 — Motor



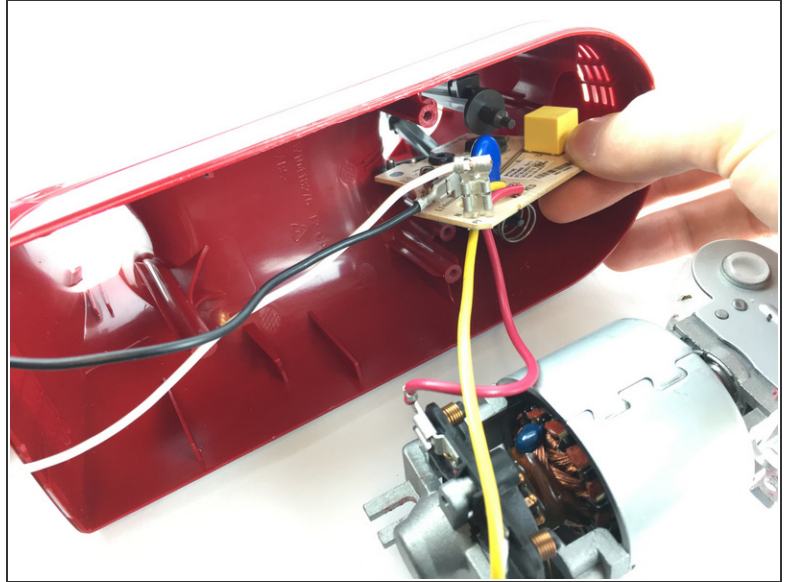
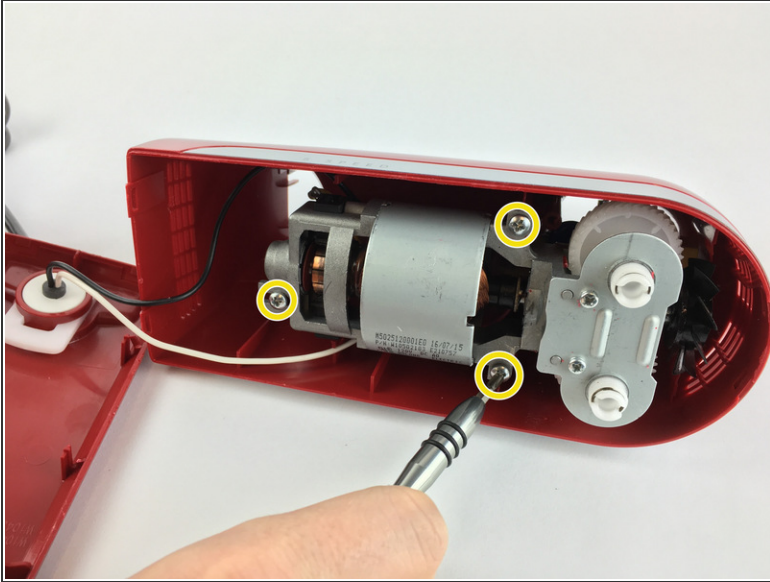
- Insert the back of a plastic opening tool into one of the beater holes
- Apply force to pull the circular plastic part off.
- If necessary, use the other side of the plastic opening tool to pry the circular plastic part off.

Step 2



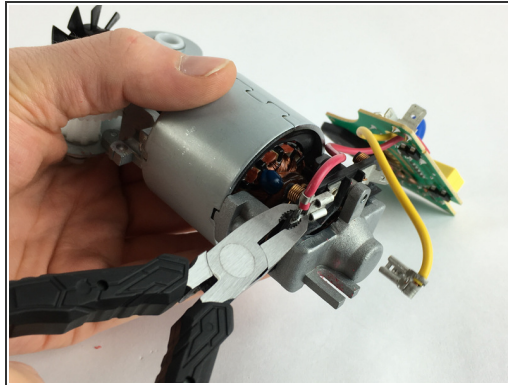
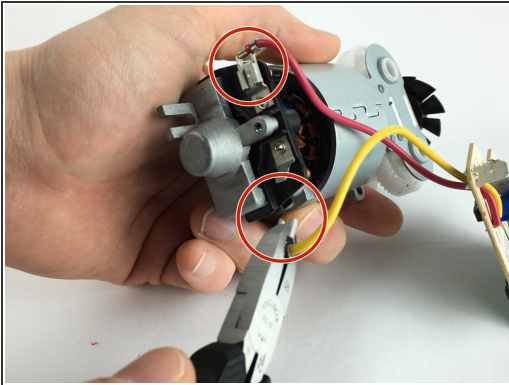
- Use a Phillips 2 screwdriver to remove the two 20mm screws holding the bottom plastic piece in place.
- Remove the bottom plastic piece using a plastic opening tool.
- ⓘ Your screwdriver may not be long or narrow enough to reach the screws in these holes. If that's the case, use another screwdriver.

Step 3



- Using a Phillips 2 screwdriver, remove the three 20mm screws holding the motor assembly in place.
- Use your hands to remove the motor assembly and circuit board.

Step 4



- Firmly grip the motor in your hand. Using pliers, pull the connectors off the motors.

⚠ Some force may be required. Be careful not to cut yourself on any electrical components.

To reassemble your device, follow these instructions in reverse order.

